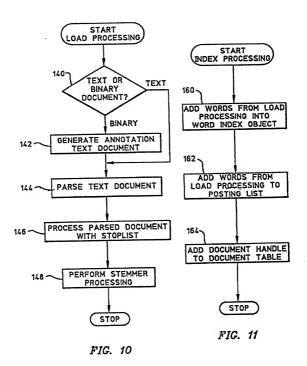


FIG. 9



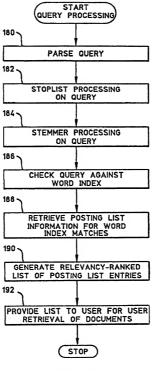


FIG. 12

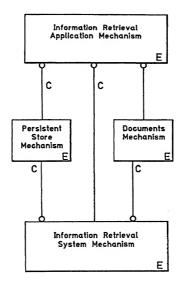
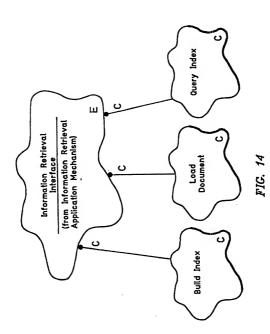
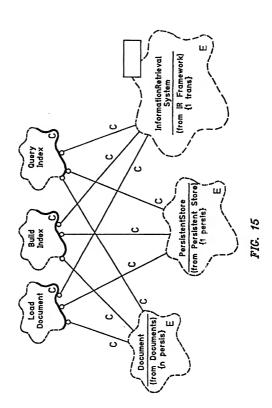
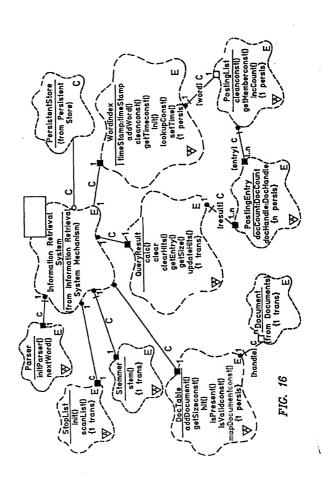
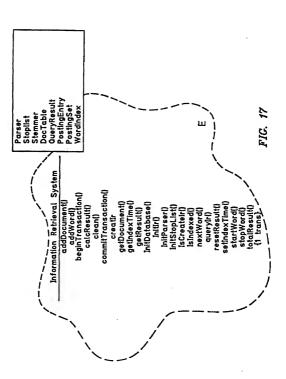


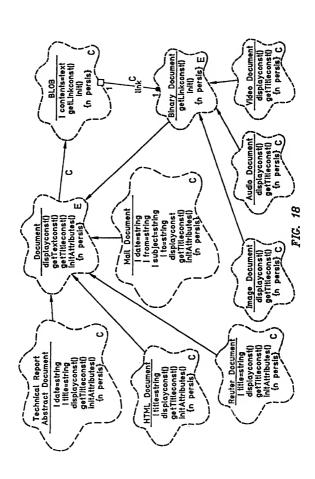
FIG. 13











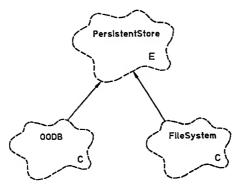


FIG. 19

dindex IR_S	stem 00	DB Docu	ment Word	ndex DocTal
1.initDataBas				
	2.init()			
beginTransac	tion()			1
	4.begin()			l
5.isCreateiR(		ļ		1
	6.chDir <u>()</u>			I
7.createiR()				
	8.chDir()			
	9.mkDir()			
	10.new()			
	-		11.init()	
	12.new()			
				13.init()
i	14.createPool	0		
15.initiR()	-			
			16.lookup()	
				17.lookup()
	18.lookup()			
19.ne	wPersistent()			
		20.lookup()		
		21.Init()	0	
	22.	initAttribute()		
23.commitTro		-		
	24.commit()			

FIG. 20

PostingList																			FIG	
Postir	2.Init()										12.lookup()									
StopList											5									
Stol																				
able																				
DocTable										11.lookup()										
WordIndex										11.10										
									10.tookup()				14.getTime()			17.setTime()		19.stats()		
m 00DB			4.Init()	ou()	6.begin()		8.chDir()						-			7			()uo	21.commit()
Syste	لج	9		Sacti		21						Time(	لم		- -				-87 78-7	7
Buildindex IR_System		3.InitDataBase		5.beginTransaction()		7.IsCreated()		9.inttIR()				13.getindexTime()		15.processDoc()	16.setIndexTime		18.getStats()		20.commitTransaction()	
뎚		e,												ħį	6				2	

73

Posting List	-			 			-									,
DocTable StopList				 							11.scanList()					
	-		3.isPresent()		5.addDocument()						11.sc			)	15.update()	_
Parser			3.is		5.addDc		7.InIt()		9.nextWord()						15	_
WordIndex									9.next							
Stemmer													13.stem()			
m 000B	1.start()												13			_
Buildindex IR_System		2.is(ndexed()		 4.addDocument()		6.initParser()		8.nextWord()		10.stopWord()		12.stemWord()		14.addWord()		_

FIG. 22

Parser DocTable StopList List	2.1ntt()												14.lookup()		Becon 1st()	_	FIG. 23A		
r DocTab												3.lookup()				+	FI		
												<u> 52</u>		16.nextWord()					_
Word			_								12.lookup()			16.		-		_	22.lookup()
E .											12.100					-	ç	_	22.lo
nent St																	20.stem()		
Query Document Stemmer Result																			1
Query Result					6.clear()											-	-		+
9000			Ξ	_	6.cl		2	_	5	_						_	_		4
System		<u></u>	4.init()	Result()		action()	8.begin()		10.chDir()									ے۔	
Buildndex R_System 00DB 1.initStopList()		3.initDataBase()		5.resetQueryResult()		7.beginTransaction()		9.isCreated()		11.InltIR()				15.nextWord()	17.stopWord	19.stemWord(		21.queryIndex[]	
Build	<b></b>	뜶	_	70. - 1		7.be		9.isC			L			- 51 - 51 —	-#-	19.st		21년.	_

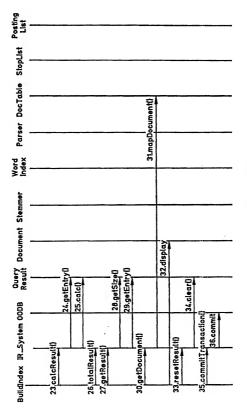


FIG. 23B